

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110119\
 Data File : PD055739.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Oct 2019 08:50
 Operator : SG\AJ
 Sample : K5111-01
 Misc : PEST LOD 1 PPB
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2019

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 04:54:33 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD110119.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 31 06:48:28 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.293	3.962	17991592	26122221	21.104	21.690
28)	SA Decachlor...	7.970	9.000	20530182	30746344	21.701	22.095
Target Compounds							
2)	A alpha-BHC	3.721	4.348	1417866	1500316	1.116	0.851
3)	MA gamma-BHC...	3.997	4.630	1562815	3360138	1.305	1.957m#
4)	MA Heptachlor	4.282	5.138	937503	1739933	0.880	1.004
5)	MB Aldrin	4.521	5.442	1003483	2489744	0.917	1.487 #
6)	B beta-BHC	4.245	4.801	474610	878656	0.942m	1.105
7)	B delta-BHC	4.442	5.015	1026390	474599	0.891	0.296m#
8)	B Heptachlo...	4.959	5.823	987201	2248326	0.959	1.392 #
9)	A Endosulfan I	5.289	6.179	929380	1985537	0.953	1.264m#
10)	B gamma-Chl...	5.179	6.058	1030560	1841372	0.966m	1.068m
11)	B alpha-Chl...	5.238	6.131	1074633	1935155	1.018	1.126m
12)	B 4,4'-DDE	5.406	6.288	855958	1510824	0.870	0.945
13)	MA Dieldrin	5.530	6.436	940545	1738183	0.887	1.029m
14)	MA Endrin	5.783	6.654	976415	1430274	1.018	0.992
15)	B Endosulfa...	6.055	6.863	973908	1832147	1.005m	1.180
16)	A 4,4'-DDD	5.917	6.776	749129	1338931	0.932	0.980
17)	MA 4,4'-DDT	6.153	7.075	651286	1188496	0.910	0.890
18)	B Endrin al...	6.223	6.985	2438155	1583321	2.918m	1.181 #
19)	B Endosulfa...	6.434	7.208	891224	1741678	0.995m	1.197
20)	A Methoxychlor	6.703	7.529	760333	781843	1.940	0.977m#
21)	B Endrin ke...	6.917	7.677	789263	1758747	0.754m	1.060 #
22)	Mirex	7.094	8.131	1337608	1844200	1.622	1.524

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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 Data File : PD055739.D
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 Acq On : 31 Oct 2019 08:50
 Operator : SG\AJ
 Sample : K5111-01
 Misc : PEST LOD 1 PPB
 ALS Vial : 7 Sample Multiplier: 1

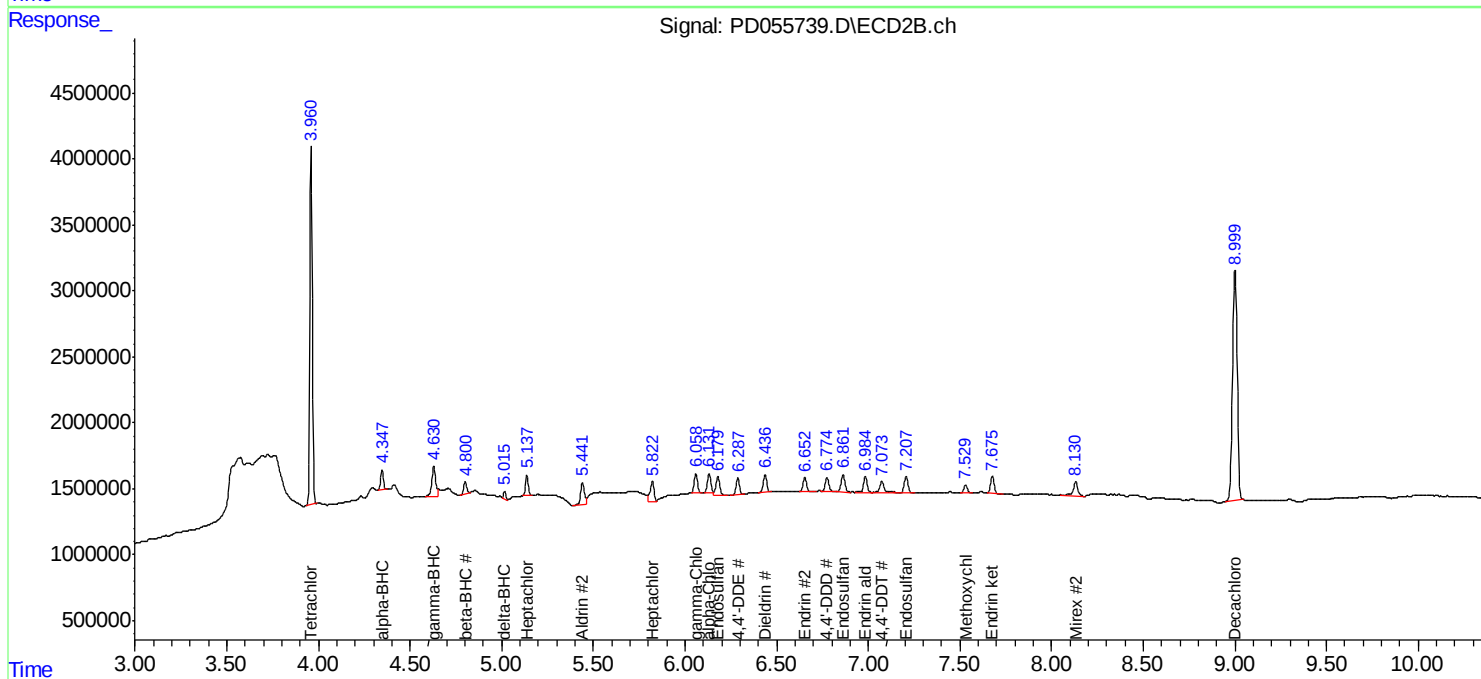
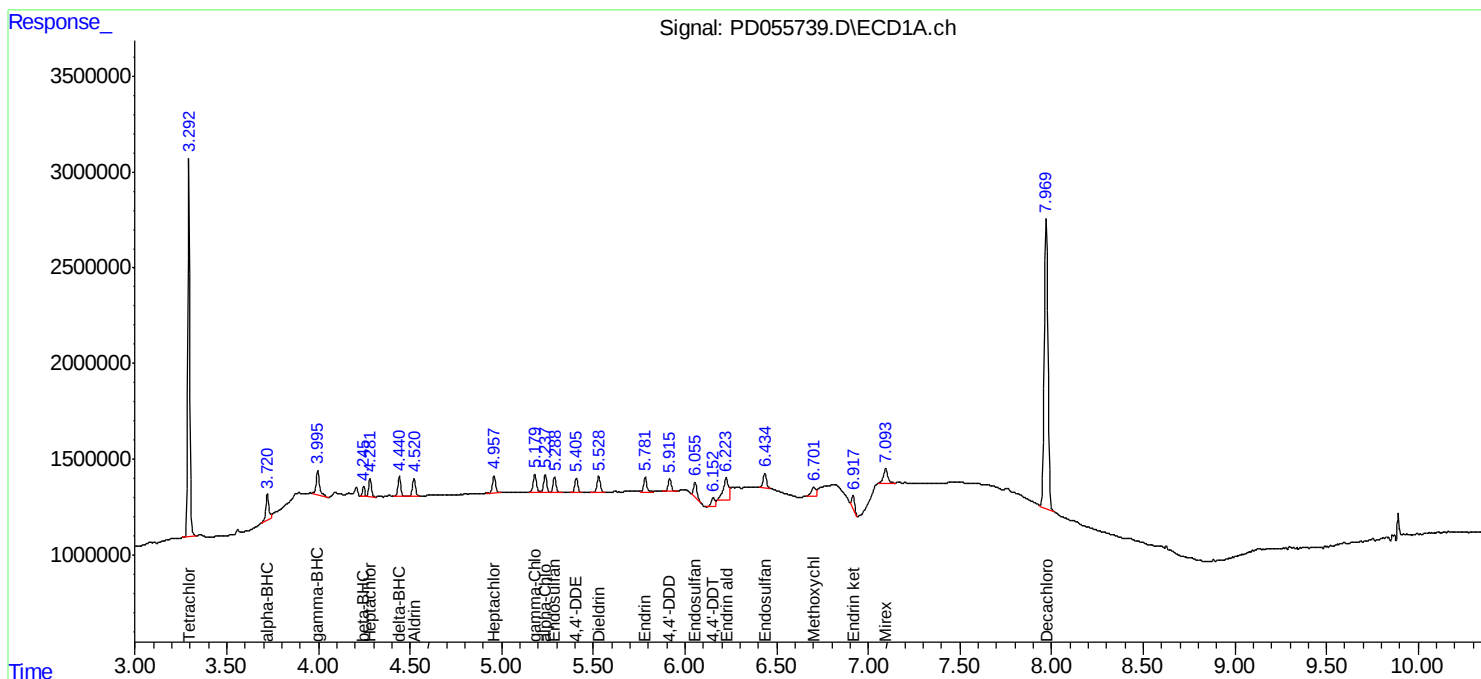
Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2019

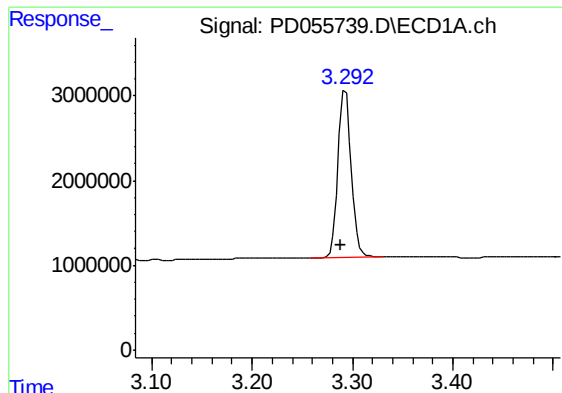
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 04:54:33 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD110119.M
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





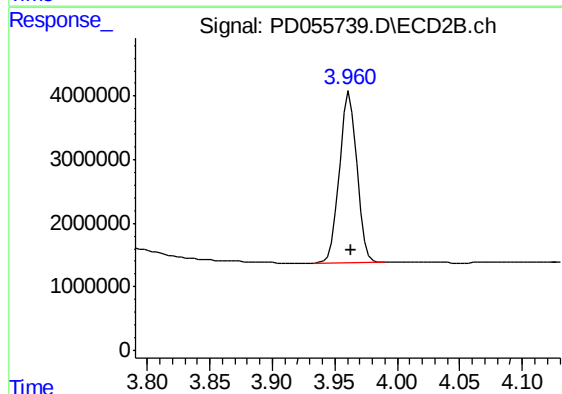
#1 Tetrachloro-m-xylene

R.T.: 3.293 min
Delta R.T.: 0.004 min
Response: 17991592
Conc: 21.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

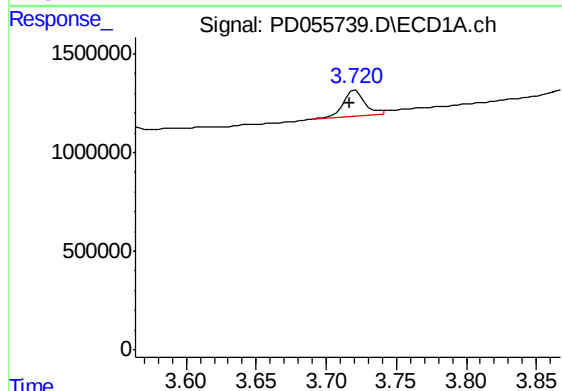
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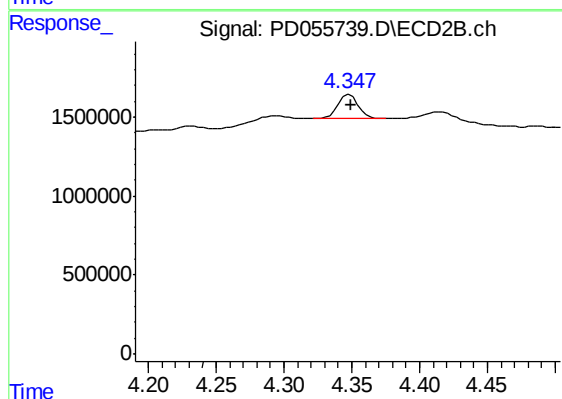
#1 Tetrachloro-m-xylene

R.T.: 3.962 min
Delta R.T.: 0.000 min
Response: 26122221
Conc: 21.69 ng/ml



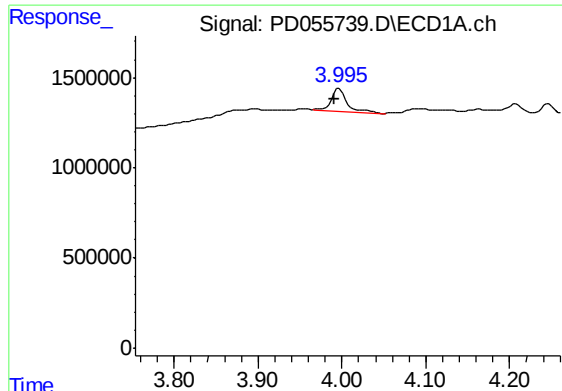
#2 alpha-BHC

R.T.: 3.721 min
Delta R.T.: 0.004 min
Response: 1417866
Conc: 1.12 ng/ml



#2 alpha-BHC

R.T.: 4.348 min
Delta R.T.: -0.001 min
Response: 1500316
Conc: 0.85 ng/ml



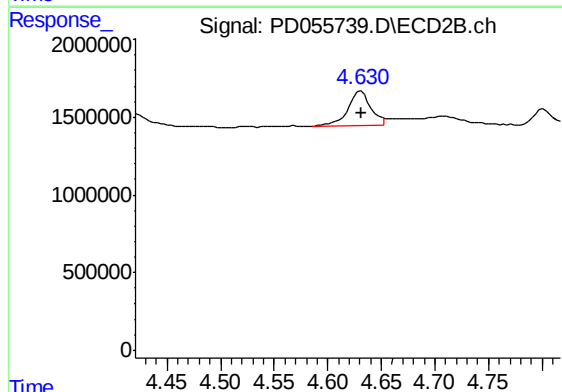
#3 gamma-BHC (Lindane)

R.T.: 3.997 min
Delta R.T.: 0.005 min
Response: 1562815
Conc: 1.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

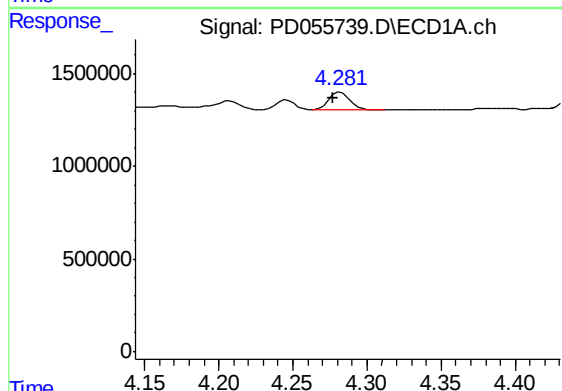
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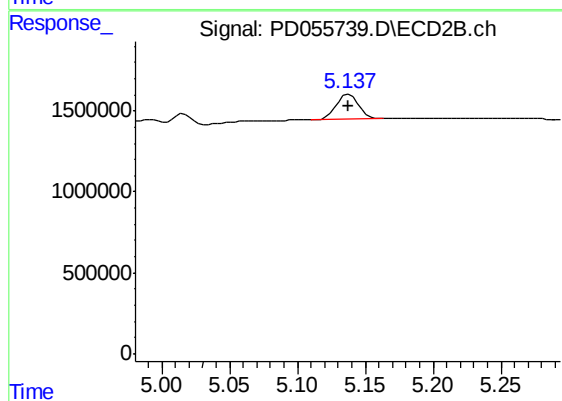
#3 gamma-BHC (Lindane)

R.T.: 4.630 min
Delta R.T.: -0.002 min
Response: 3360138
Conc: 1.96 ng/ml m



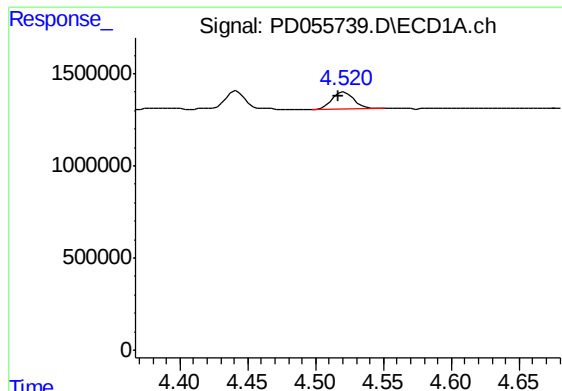
#4 Heptachlor

R.T.: 4.282 min
Delta R.T.: 0.005 min
Response: 937503
Conc: 0.88 ng/ml



#4 Heptachlor

R.T.: 5.138 min
Delta R.T.: 0.000 min
Response: 1739933
Conc: 1.00 ng/ml



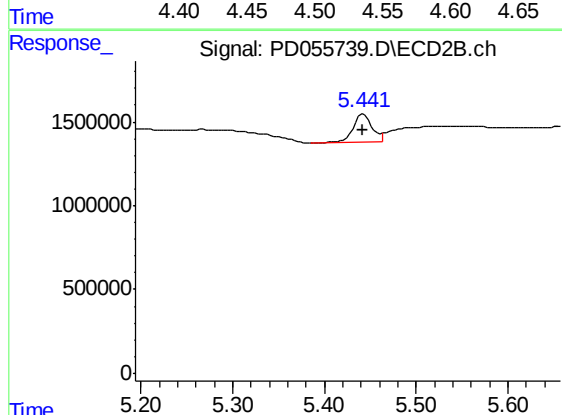
#5 Aldrin

R.T.: 4.521 min
Delta R.T.: 0.005 min
Response: 1003483
Conc: 0.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

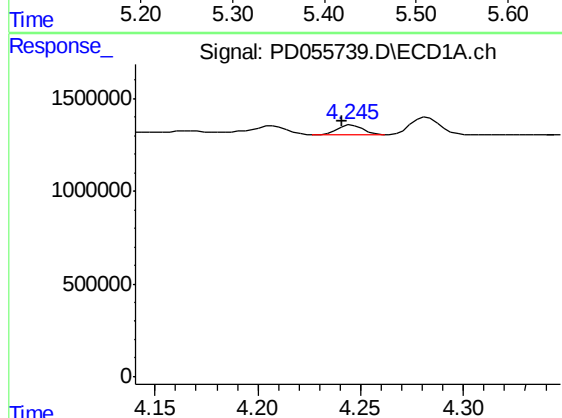
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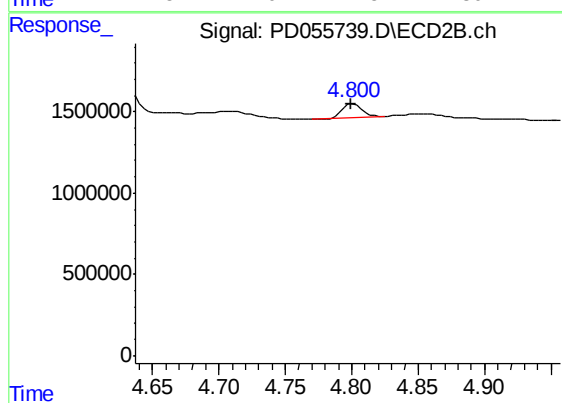
#5 Aldrin

R.T.: 5.442 min
Delta R.T.: 0.000 min
Response: 2489744
Conc: 1.49 ng/ml



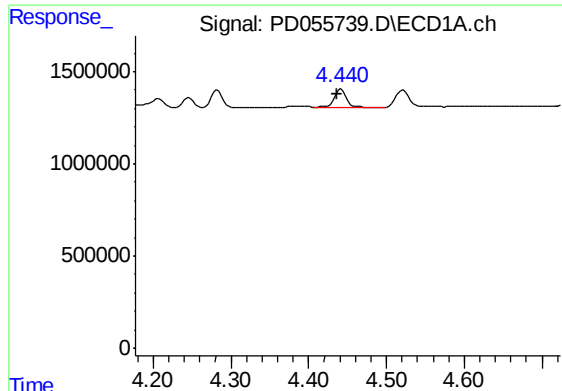
#6 beta-BHC

R.T.: 4.245 min
Delta R.T.: 0.004 min
Response: 474610
Conc: 0.94 ng/ml m



#6 beta-BHC

R.T.: 4.801 min
Delta R.T.: 0.000 min
Response: 878656
Conc: 1.11 ng/ml



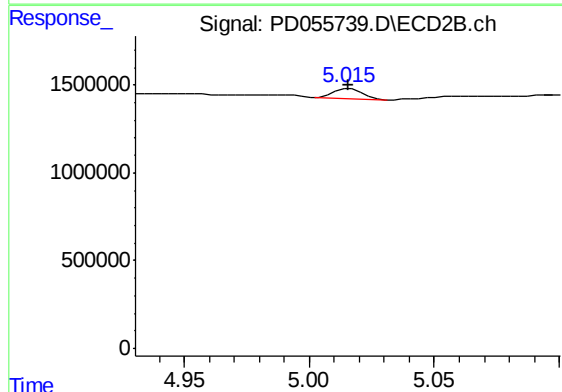
#7 delta-BHC

R.T.: 4.442 min
Delta R.T.: 0.005 min
Response: 1026390
Conc: 0.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

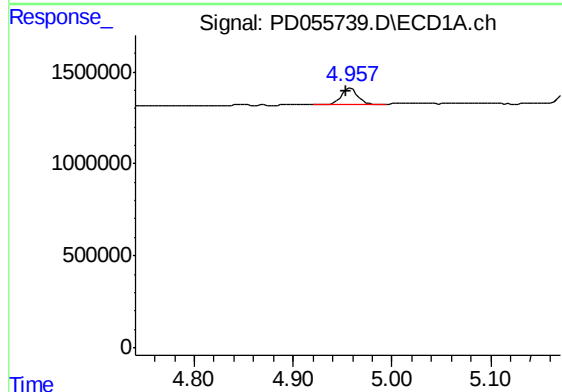
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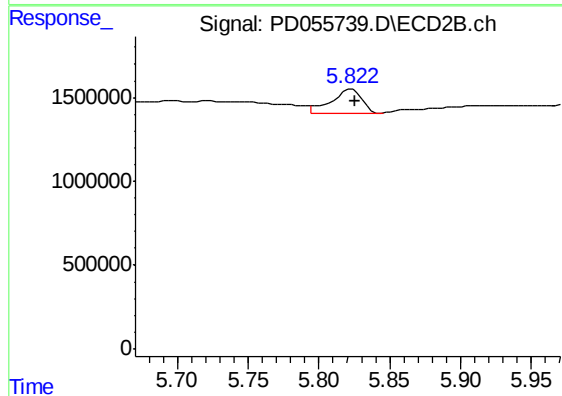
#7 delta-BHC

R.T.: 5.015 min
Delta R.T.: -0.001 min
Response: 474599
Conc: 0.30 ng/ml m



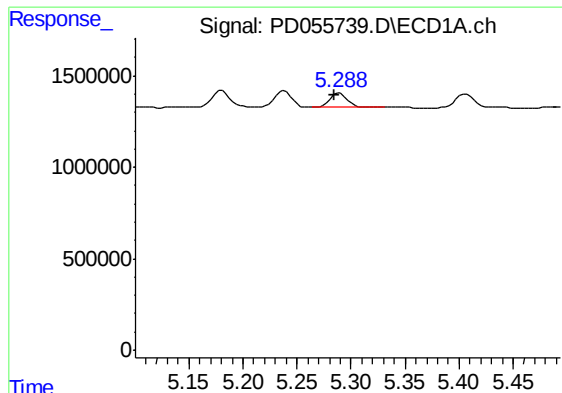
#8 Heptachlor epoxide

R.T.: 4.959 min
Delta R.T.: 0.005 min
Response: 987201
Conc: 0.96 ng/ml



#8 Heptachlor epoxide

R.T.: 5.823 min
Delta R.T.: -0.002 min
Response: 2248326
Conc: 1.39 ng/ml



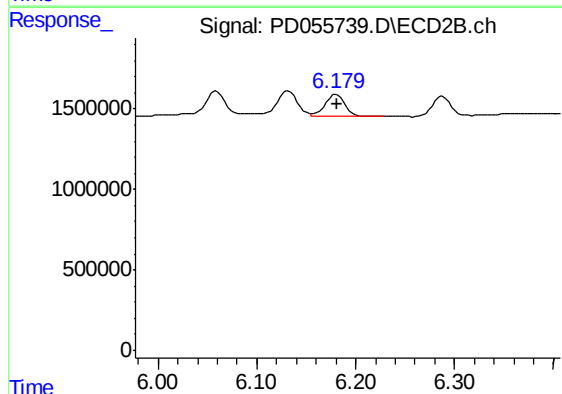
#9 Endosulfan I

R.T.: 5.289 min
Delta R.T.: 0.005 min
Response: 929380
Conc: 0.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

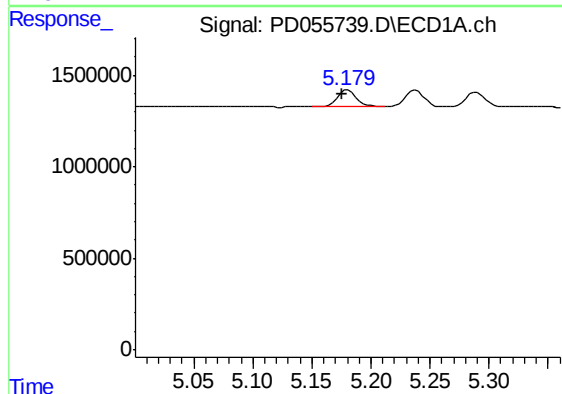
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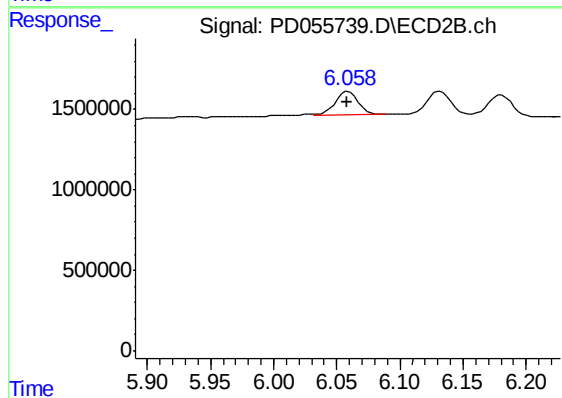
#9 Endosulfan I

R.T.: 6.179 min
Delta R.T.: -0.001 min
Response: 1985537
Conc: 1.26 ng/ml m



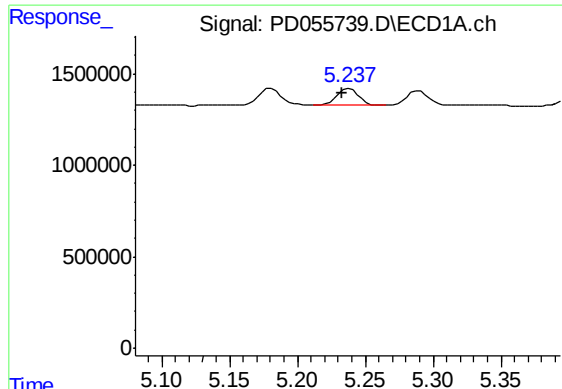
#10 gamma-Chlordane

R.T.: 5.179 min
Delta R.T.: 0.004 min
Response: 1030560
Conc: 0.97 ng/ml m



#10 gamma-Chlordane

R.T.: 6.058 min
Delta R.T.: 0.000 min
Response: 1841372
Conc: 1.07 ng/ml m



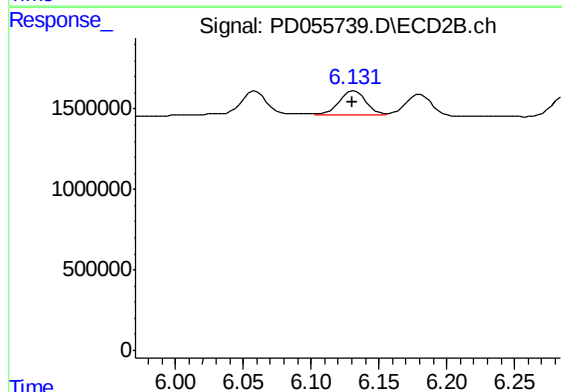
#11 alpha-Chlordane

R.T.: 5.238 min
Delta R.T.: 0.006 min
Response: 1074633
Conc: 1.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

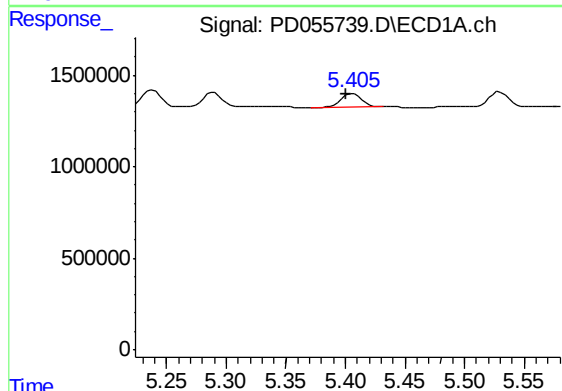
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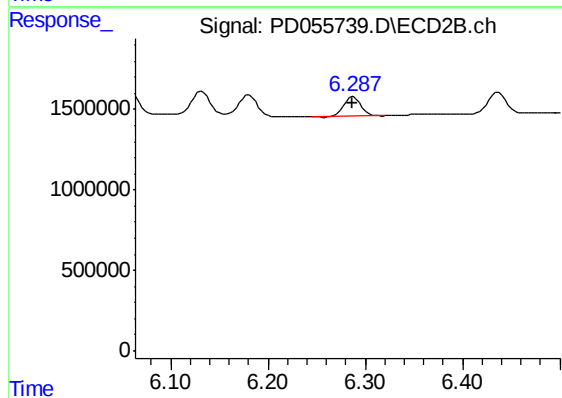
#11 alpha-Chlordane

R.T.: 6.131 min
Delta R.T.: 0.000 min
Response: 1935155
Conc: 1.13 ng/ml m



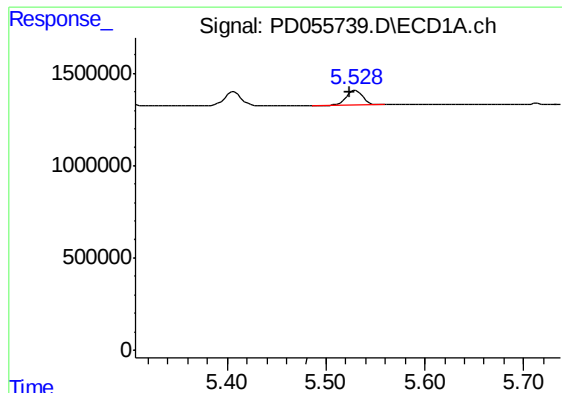
#12 4,4'-DDE

R.T.: 5.406 min
Delta R.T.: 0.006 min
Response: 855958
Conc: 0.87 ng/ml



#12 4,4'-DDE

R.T.: 6.288 min
Delta R.T.: 0.000 min
Response: 1510824
Conc: 0.94 ng/ml



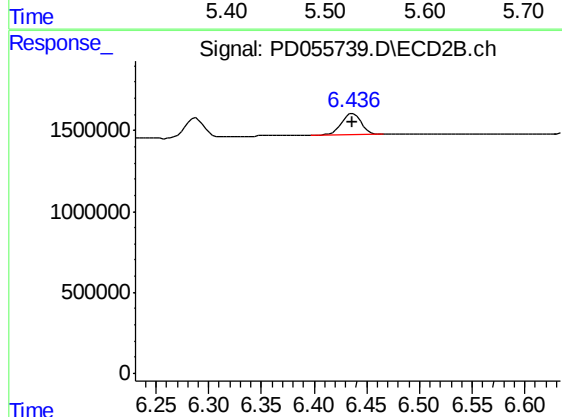
#13 Dieldrin

R.T.: 5.530 min
Delta R.T.: 0.006 min
Response: 940545
Conc: 0.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

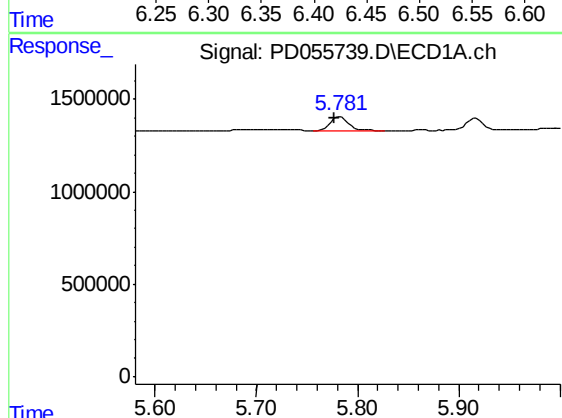
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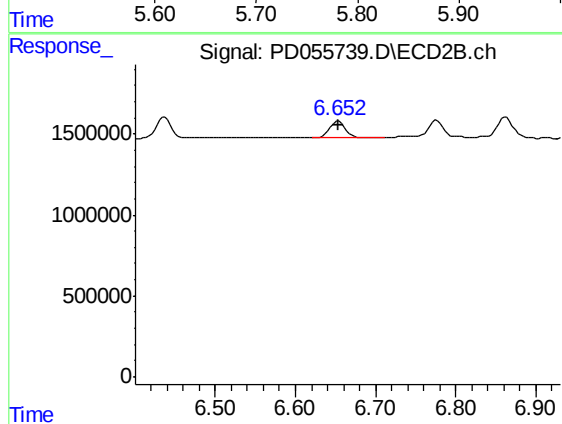
#13 Dieldrin

R.T.: 6.436 min
Delta R.T.: 0.000 min
Response: 1738183
Conc: 1.03 ng/ml m



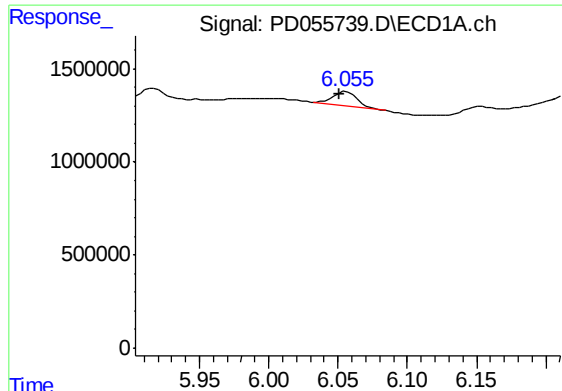
#14 Endrin

R.T.: 5.783 min
Delta R.T.: 0.006 min
Response: 976415
Conc: 1.02 ng/ml



#14 Endrin

R.T.: 6.654 min
Delta R.T.: 0.000 min
Response: 1430274
Conc: 0.99 ng/ml



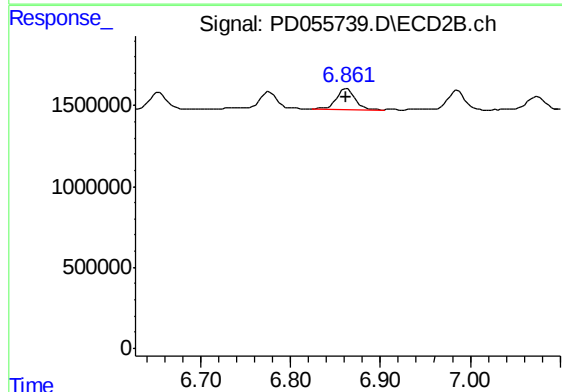
#15 Endosulfan II

R.T.: 6.055 min
Delta R.T.: 0.003 min
Response: 973908
Conc: 1.00 ng/ml m

Instrument :
ECD_D
ClientSampleId :
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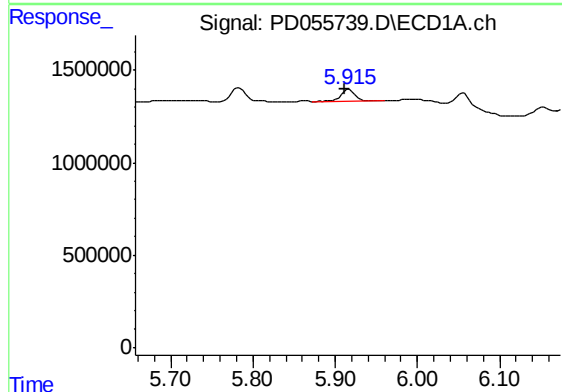
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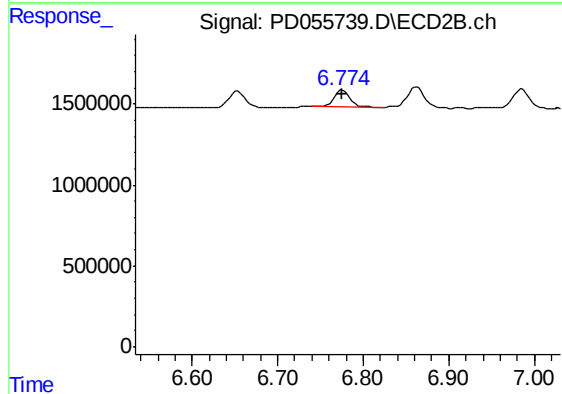
#15 Endosulfan II

R.T.: 6.863 min
Delta R.T.: 0.001 min
Response: 1832147
Conc: 1.18 ng/ml



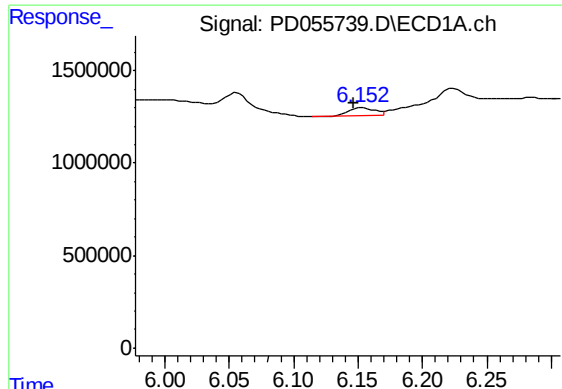
#16 4,4'-DDD

R.T.: 5.917 min
Delta R.T.: 0.005 min
Response: 749129
Conc: 0.93 ng/ml



#16 4,4'-DDD

R.T.: 6.776 min
Delta R.T.: 0.000 min
Response: 1338931
Conc: 0.98 ng/ml



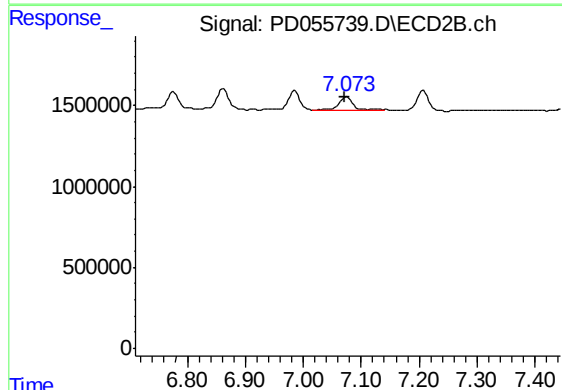
#17 4,4'-DDT

R.T.: 6.153 min
Delta R.T.: 0.006 min
Response: 651286
Conc: 0.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

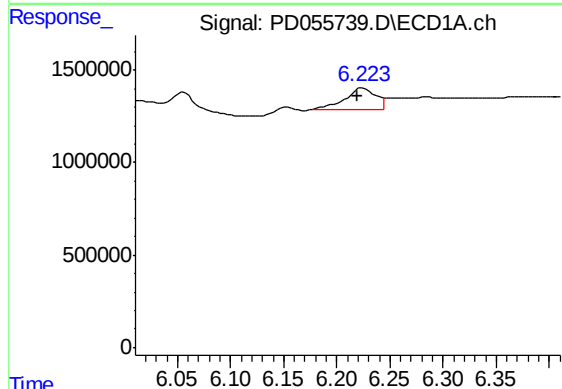
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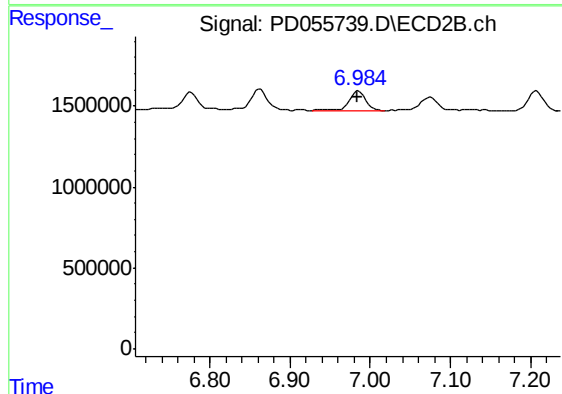
#17 4,4'-DDT

R.T.: 7.075 min
Delta R.T.: 0.002 min
Response: 1188496
Conc: 0.89 ng/ml



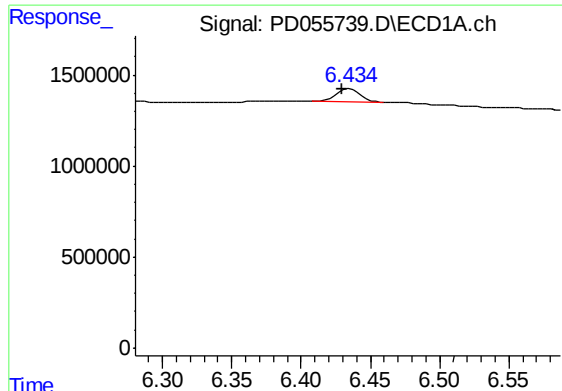
#18 Endrin aldehyde

R.T.: 6.223 min
Delta R.T.: 0.004 min
Response: 2438155
Conc: 2.92 ng/ml m



#18 Endrin aldehyde

R.T.: 6.985 min
Delta R.T.: 0.000 min
Response: 1583321
Conc: 1.18 ng/ml



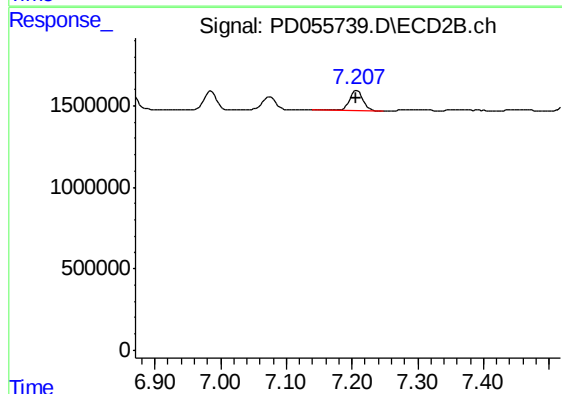
#19 Endosulfan Sulfate

R.T.: 6.434 min
Delta R.T.: 0.005 min
Response: 891224
Conc: 0.99 ng/ml m

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

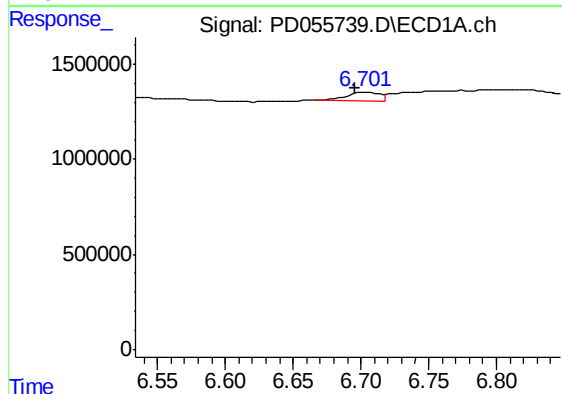
Manual Integrations
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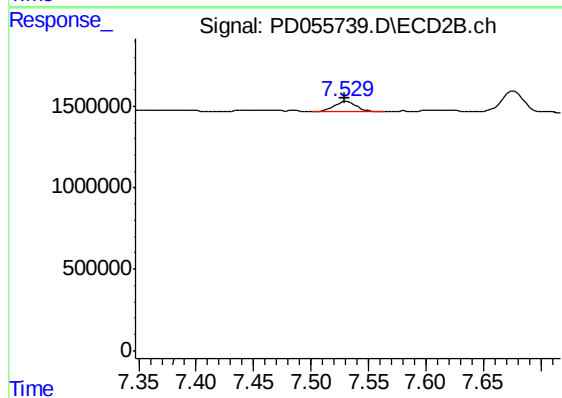
#19 Endosulfan Sulfate

R.T.: 7.208 min
Delta R.T.: 0.001 min
Response: 1741678
Conc: 1.20 ng/ml



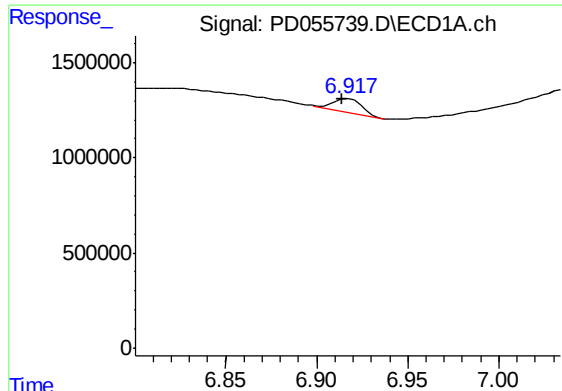
#20 Methoxychlor

R.T.: 6.703 min
Delta R.T.: 0.007 min
Response: 760333
Conc: 1.94 ng/ml



#20 Methoxychlor

R.T.: 7.529 min
Delta R.T.: 0.000 min
Response: 781843
Conc: 0.98 ng/ml m



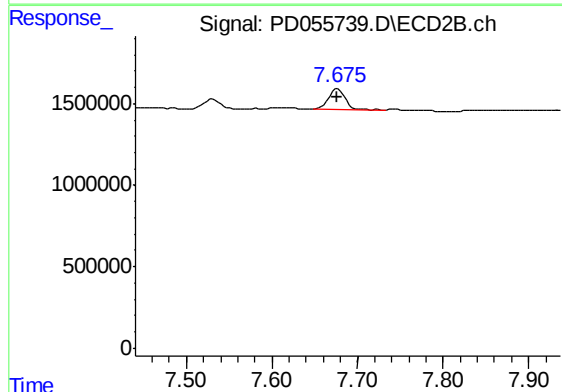
#21 Endrin ketone

R.T.: 6.917 min
Delta R.T.: 0.003 min
Response: 789263
Conc: 0.75 ng/ml m

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

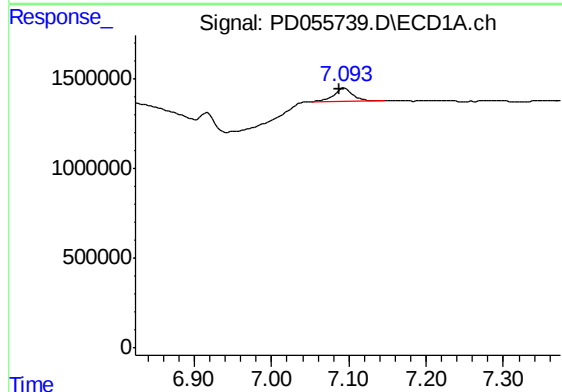
Manual Integrations
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11/1/2019 12:19:57 PM



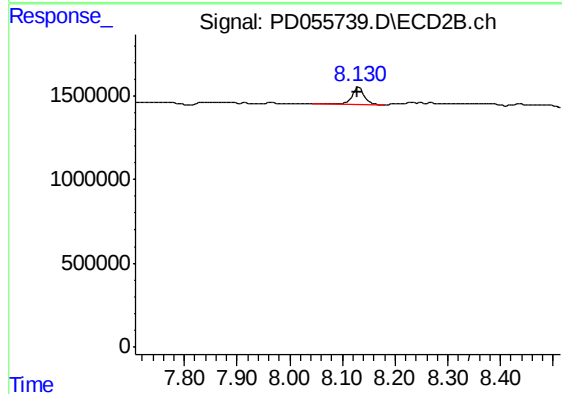
#21 Endrin ketone

R.T.: 7.677 min
Delta R.T.: 0.001 min
Response: 1758747
Conc: 1.06 ng/ml



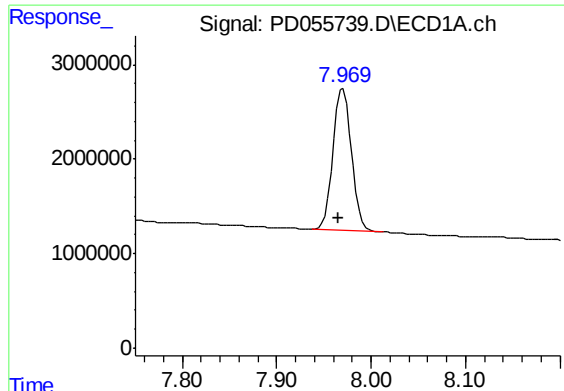
#22 Mirex

R.T.: 7.094 min
Delta R.T.: 0.006 min
Response: 1337608
Conc: 1.62 ng/ml



#22 Mirex

R.T.: 8.131 min
Delta R.T.: 0.002 min
Response: 1844200
Conc: 1.52 ng/ml



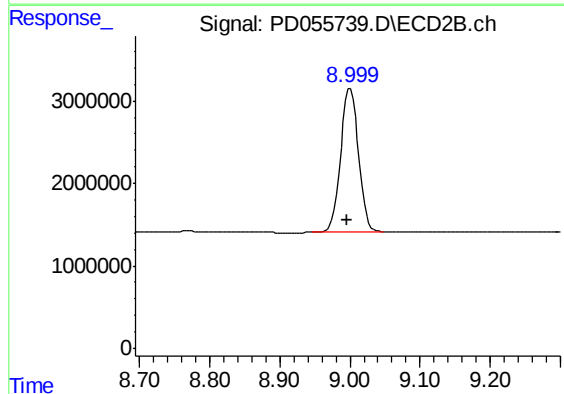
#28 Decachlorobiphenyl

R.T.: 7.970 min
Delta R.T.: 0.006 min
Response: 20530182
Conc: 21.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.000 min
Delta R.T.: 0.003 min
Response: 30746344
Conc: 22.09 ng/ml